

IN THE CLAIMS:

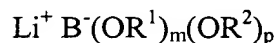
1. (Amended) A positive-electrode material comprising an active coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof.

7. (Amended) A process for the production of the positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, comprising

- a) preparing a suspension or sol of the metal or alloy core in urotropin;
- b) emulsifying the suspension with at least one C₅-C₁₂-hydrocarbon;
- c) precipitating the emulsion onto the metal or alloy core; and
- d) converting a metal hydroxide or an oxyhydroxide into the corresponding oxide by heating the system.

13. (Amended) A process for the production of the positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, comprising preparing a suspension or sol of the metal or alloy core in urotropin.

14. (Amended) An electrochemical cell comprising a negative electrode, a positive electrode, a separator and an electrolyte, wherein the positive electrode comprises a positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, wherein the negative electrode comprises an alkali metal borate of the formula:



wherein

m and p are 0, 1, 2, 3 or 4, where $m + p = 4$, and

R¹ and R² are, independently, identical or different,

are optionally bonded directly to one another via a single or double bond,

are each, individually or together, an aromatic or aliphatic carboxylic, dicarboxylic or sulfonic acid radical, or

are each, individually or together, an aromatic ring of a phenyl, naphthyl, anthracenyl or phenanthrenyl group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal, or

are each, individually or together, a heterocyclic aromatic ring of a pyridyl, pyrazyl or bipyridyl group, which may be unsubstituted or mono- to trisubstituted by A or Hal, or

are each, individually or together, an aromatic hydroxy acid of an aromatic hydroxycarboxylic acid or an aromatic hydroxysulfonic acid group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal,

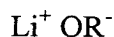
and

Hal is F, Cl or Br

and

A is alkyl having 1 to 6 carbon atoms, which may be mono- to trihalogenated.

15. (Amended) An electrochemical cell comprising a negative electrode, a positive electrode, a separator and an electrolyte, wherein the positive electrode comprises a positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, wherein the negative electrode comprises an alkali metal alkoxide of the formula:



in which R

is an aromatic or aliphatic carboxylic, dicarboxylic or sulfonic acid radical, or

is an aromatic ring of a phenyl, naphthyl, anthracenyl or phenanthrenyl group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal, or

is a heterocyclic aromatic ring of a pyridyl, pyrazyl or bipyridyl group, which may be unsubstituted or mono- to trisubstituted by A or Hal, or

is an aromatic hydroxy acid of an aromatic hydroxycarboxylic acid of aromatic hydroxysulfonic acid group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal,

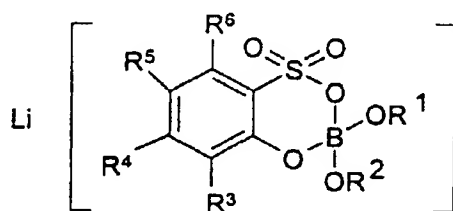
and

Hal is F, Cl or Br

and

A is alkyl having 1 to 6 carbon atoms, which may be mono- to trihalogenated.

16. (Amended) An electrochemical cell comprising a negative electrode, a positive electrode, a separator and an electrolyte, wherein the positive electrode comprises a positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, wherein the negative electrode comprises a lithium salt of formula:



wherein

R^1 and R^2 are, independently, identical or different, are optionally bonded directly to one another via a single or double bond, and are each, individually or together, an aromatic ring of a phenyl, naphthyl, anthracenyl or phenanthrenyl group, which may be unsubstituted or mono- to hexasubstituted by an alkyl group, an alkoxy group or halogen.

Please add claim 17 as follows:

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- 17. A positive-electrode material according to claim 1, wherein the coated metal core is Sb, Bi, Cd, In, Pb, Ga, or an alloy thereof.--